

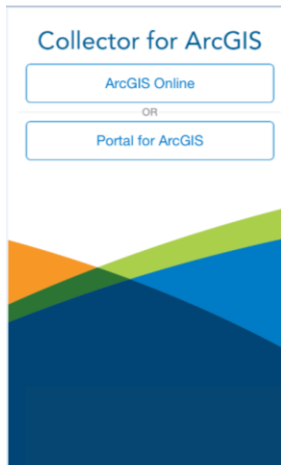
## Collector Workshop

**Exercise 3** – Now go out and Collect some data!

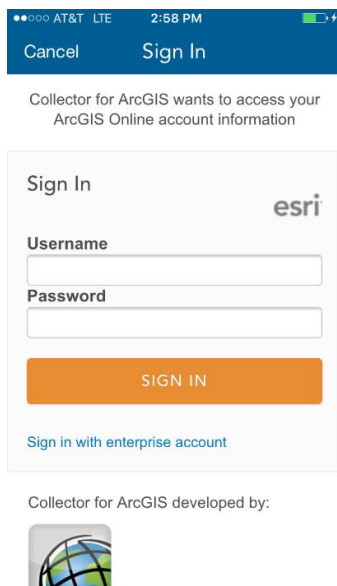
### Section 1 – Collect Data

On your mobile device, open the Collector App. You will need to log in with your ArcGIS Online username and password.

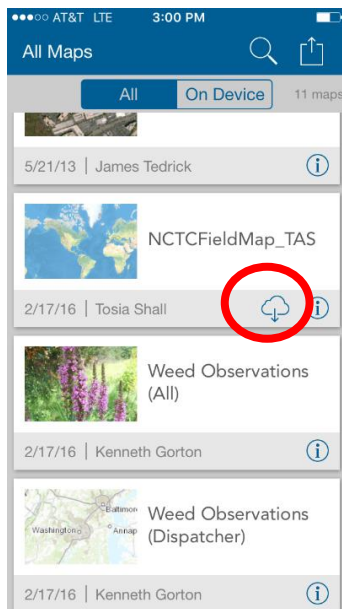
Tap **ArcGIS Online**.



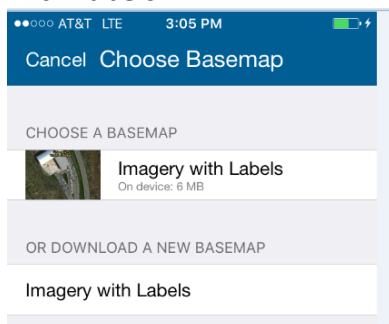
Enter your credentials and click **Sign In**:



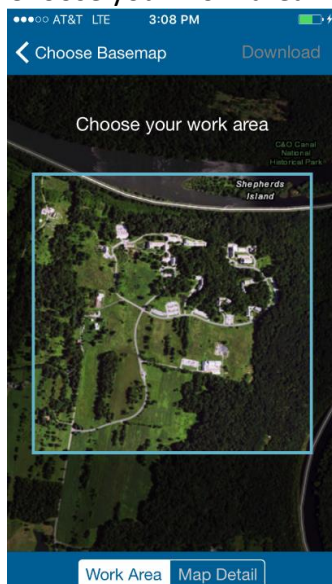
Once you sign in, you'll see a list of web maps with editable layers. Scroll down until you see your **NCTCFieldMap\_xyz** (your initials). Since we'll be editing in a disconnected mode, you have to download the map to your device. Click the download icon (here is an iOS example):



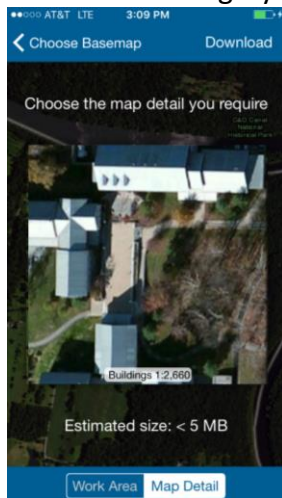
The next screen asks you to choose a basemap, let's keep Imagery with Labels. Tap on **Imagery with Labels**:



Choose your work area - zoom into the area around the NCTC campus:

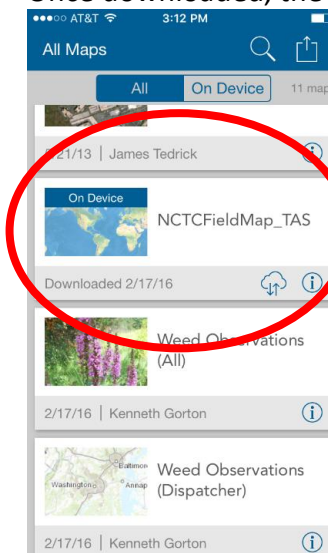


Now at the bottom of the screen, tap **Map Detail**. Zoom in until you see a good amount of detail in the imagery. You should see an estimated download size:



Tap **Download** in the upper right corner.

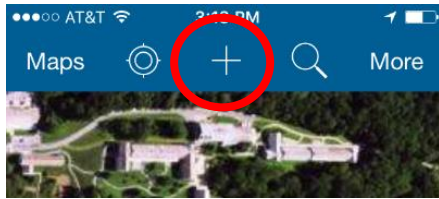
Once downloaded, the thumbnail will say **On Device**:



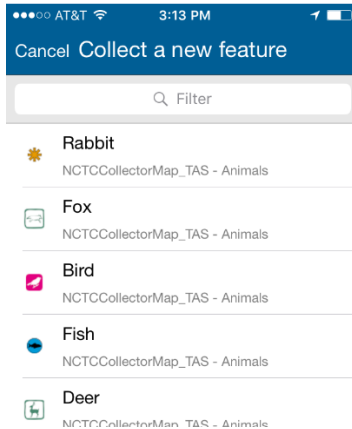
Click the thumbnail to open the map:



Use the **+** button to add a collection point.



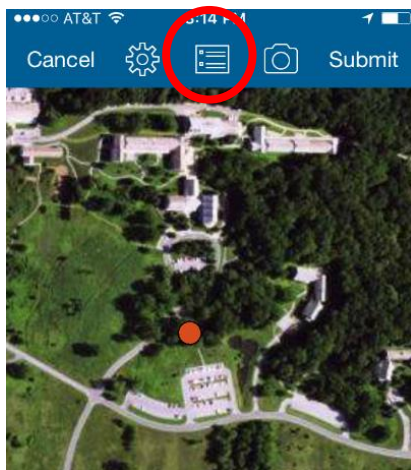
Choose a feature type:



You can use the GPS built in to the device to capture the location, or you can place the point on the map by clicking the **map icon**:



Click the **Attribute icon** to enter information:



Enter some **notes**:

A screenshot of an iPhone's Notes app. The top status bar shows 'AT&T', signal strength, time '3:14 PM', and battery level. The app header has 'Cancel' and 'Done' buttons. Below is a text field containing 'This was a deer with her fawn' with a cursor at the end. A character count '29/50' is visible. A standard QWERTY keyboard is shown at the bottom.

Add an **attachment** by clicking the camera icon:

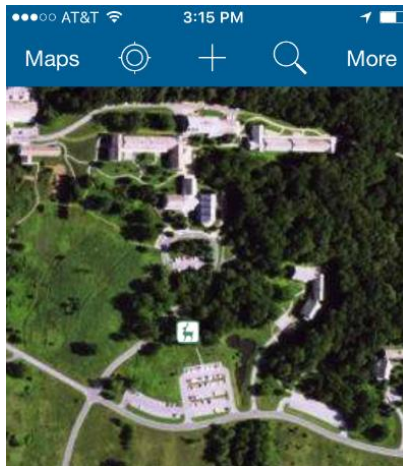
A screenshot of the app's main form. The top bar is blue with 'Cancel', a settings gear, a map icon, a camera icon circled in red, and 'Submit'. Below the bar, there's a 'Location' section with a deer icon, a location pin icon, and coordinates 'Lat: 39.485784° Long: -77.805426°'. A '30' badge is next to the location pin icon. The main content area has a title 'Animals: Deer' and two sections: 'TYPE' with 'Deer' and a right arrow, and 'NOTES' with 'This was a deer with her fawn' and a right arrow.

You can take a photo, choose one from your device, or add a video.

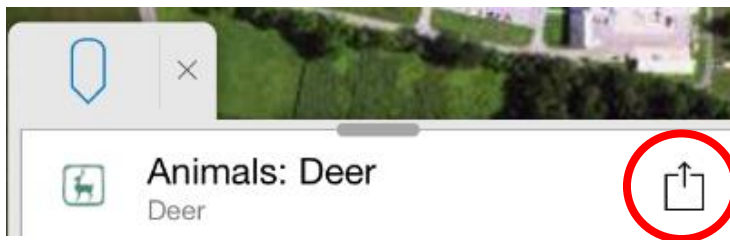
Once you are finished attaching items, click **Submit** to save your entry to your device (remember you'll be disconnected, so you'll sync the edits later).

A screenshot of the app's main form, identical to the previous one, but with the 'Submit' button in the top bar circled in red.

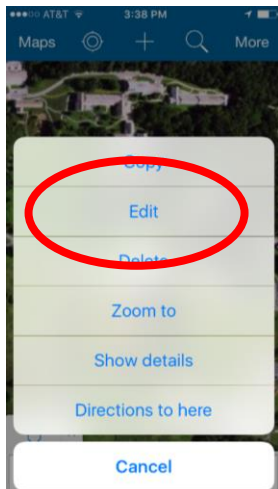
You'll see your new entry on the map:



To edit any points or attributes, select it on the map, and tap this icon:



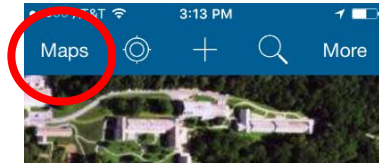
Choose Edit from the list:



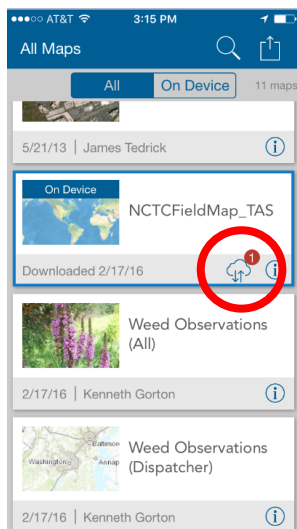
Collect several more data points and/or polygons.  
Once you are finished, **come back to the classroom.**

## Section 2 – Sync edits

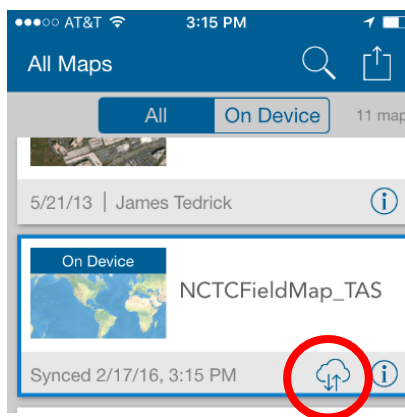
Once back in the classroom, click Maps to get back to your list of editable maps:



You'll notice the sync icon tells you how many edits you have. This example shows 1. Click the sync cloud icon to upload edits:



Once the sync completes, the red number disappears, that means everything is up to date:



**END**